

Appl. No. 10/082,993
Amdt Dated Sep. 25, 2003
Reply to Office Action of Aug. 25, 2003

AMENDMENTS TO THE CLAIMS

1. (original) A computer enclosure comprising:
a cage integrally formed from a single sheet of metallic material, the cage comprising a side panel and a rear panel perpendicular to the side panel, the side panel having a projecting portion extending outwardly from a front portion thereof, the projecting portion defining a plurality of locking openings, the rear panel defining a locking slot; and
a cover attached on the cage and comprising a side board forming a plurality of side hooks engaging in the locking openings respectively, and a tab engaging in the locking slot.
2. (original) The computer enclosure as claimed in claim 1, wherein the cage further comprises a front panel having a top flange extending inwardly from a top edge thereof, and a bottom flange extending inwardly from a bottom edge thereof, and the cover further comprises a top board forming a top hook sandwiching the top flange with the top board, and a bottom board forming a bottom hook sandwiching the bottom flange with the bottom board.
3. (original) The computer enclosure as claimed in claim 2, wherein front edges of the side board, the top board and the bottom board are respectively bent inwardly to double over and form a side hem, a top hem and a bottom hem, and the side hooks, the top hook, and the bottom hook are respectively formed on the side hem, the top hem and the bottom hem.
4. (original) The computer enclosure as claimed in claim 2, wherein the front panel comprises a side flange defining a pair of first through holes, the top

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board comprises a top bent plate depending therefrom, the bottom board comprises a bottom bent plate extending upwardly therefrom, each of the top and bottom bent plates defines a second through hole in alignment with a corresponding first through hole, and rivets extend through the second through holes and first through holes forming fixed joints between the cover and the front panel.

5. (original) The computer enclosure as claimed in claim 2, wherein the rear panel defines a first through aperture in a top portion thereof, the cover further comprises a top fringe depending from a rear edge of the top board, the top fringe defines a second through aperture, and a rivet extends through the second through aperture and the first through aperture forming a fixed joint between the cover and the rear panel.
6. (original) The computer enclosure as claimed in claim 5, wherein the rear panel further defines a first through bore in a bottom portion thereof, the cover further comprises a bottom fringe extending upwardly from a rear edge of the bottom board, the bottom fringe defines a second through bore, and a rivet extends through the second through bore and the first through bore forming a fixed joint between the cover and the rear panel.
7. (withdrawn) A method of assembling a computer enclosure comprising the following steps:
 - a) providing a cage, the cage being integrally formed from a single sheet of metallic material and comprising a front panel, a side panel, a rear panel, and a projecting portion extending outwardly from a front portion of the

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- side panel, the projecting portion defining a plurality of locking openings, the front panel and the rear panel respectively defining a plurality of first voids;
- b) providing a cover, the cover comprising a side board forming a plurality of side hooks in a front portion thereof, the cover defining a plurality of second voids;
- c) placing the cage in front of the cover and rearwardly pushing the cage to cause the side hooks to engage in the locking openings; and
- d) extending rivets through the second voids and the first voids respectively to form fixed joints between the cover and the cage.
8. (withdrawn) The method as claimed in claim 7, wherein the rear panel further defines a locking slot, and the side board further forms a tab engaging in the locking slot.
9. (withdrawn) The method as claimed in claim 7, wherein the front panel comprises a side flange, the cover further comprises a top board and a bottom board, a top bent plate depends from the top board and is fixedly engaged with a top portion of the side flange, and a bottom bent plate extends upwardly from the bottom board and is fixedly engaged with a bottom portion of the side flange.
10. (withdrawn) The method as claimed in claim 9, wherein the front panel further comprises a top flange and a bottom flange, the top board comprises a top hem forming a plurality of top hooks sandwiching the top flange with the top board, and the bottom board comprises a bottom hem forming a plurality

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of bottom hooks sandwiching the bottom flange with the bottom board.

11. (withdrawn) The method as claimed in claim 9, wherein the top board forms a top fringe fixedly engaged with a top portion of the rear panel, and the bottom board forms a bottom fringe fixedly engaged with a bottom portion of the rear panel.

12. (original) A computer enclosure comprising:

a cage defining a U-like configuration and integrally formed from a metal sheet, said cage including front and rear panels parallel to each other, and a side panel perpendicularly connecting to both said front and rear panels; and

a cover generally defining another U-like configuration and integrally formed from another metal sheet, said cover generally including top and bottom boards parallel to each other, and a side board perpendicularly connected to both said top and bottom panels; wherein

in assembling, said cage cooperates with said cover to substantially veil an exterior of said enclosure except one side opposite to said side panel.

13. (original) The enclosure as claimed in claim 12, wherein said cage is assembled to the cover in a direction perpendicular to both said front and rear panels.

14. (original) The enclosure as claimed in 12, wherein said side panel and said side board are overlapped with each other in a direction perpendicular to both said side panel and said side board.

15. (withdrawn) A cage integrally formed from a metal sheet for use with a cover

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to form an enclosure, comprising:

front and rear panels parallel to each other, and a side panel perpendicularly connecting to both said front and rear panels;

said front panel defining an drive opening, for receipt of a disk drive, with a portion of said front panel stamped from said opening, said portion being bent to be parallel to said side panel; and

means formed on the side panel and the portion for engagement with two sides of said disk drive, respectively.

16. (new) A computer enclosure comprising:

a cover including at least opposite top and bottom boards, and

a cage integrally formed from a metal sheet, said cage comprising:

front and rear panels parallel to each other, and a side panel perpendicularly connecting to both said front and rear panels;

said front panel defining an drive opening, for receipt of a disk drive, with a portion of said front panel stamped from said opening, said portion being bent to be parallel to said side panel; and

means formed on the side panel and the portion for engagement with two sides of said disk drive, respectively; wherein

in assembling, said cage cooperates with said cover to substantially veil an interior of said enclosure except one side opposite to said side panel.

17. (new) The enclosure as claimed in claim 16, wherein said cover further

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Cont includes a side board connected between said top and bottom boards, and said side board is at least partially overlapped with the side panel.
